

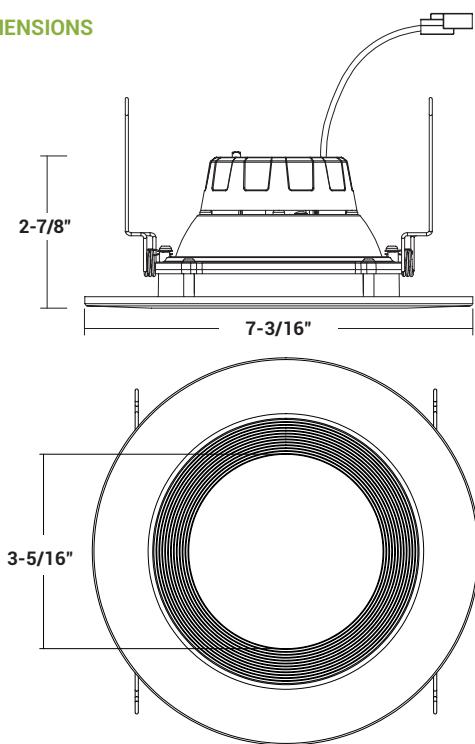


**MULTILUMEN
SELECTOR**

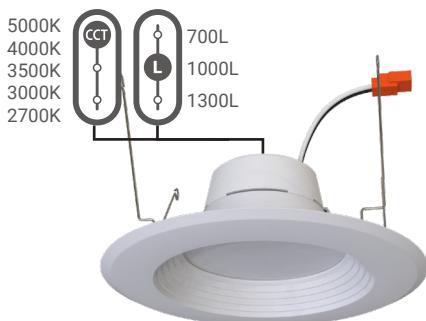
**EASY 5 COLORS
SELECTOR**
[2700K • 3000K • 3500K • 4000K • 5000K]



DIMENSIONS



Recommended Hole Cut-out Size: 6-1/4"



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1300L	1533L	14W
1000L	1229L	11W
700L	821L	7W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

UPGRADE TO COMFORT, CONVENIENCE AND LUXURY

This 6" sturdy retrofit downlight facilitates effective, convenient, and elegant illumination. A compact profile and beveled baffle make for a glare-free, modern look and accommodates low plenum spaces and shallow housing options. TRIAC dimming, selectable lumen and CCT allow for variety in ambience. Pre-installed clips and an included E26 base adapter allow for quick and easy installation.

Recess mountable and compatible with 6" IC and non-IC rated housings. Ideal for commercial spaces and high-end residential bedrooms, bathrooms, hallways and more. Wet location suitable.

LUMENS	700L/1000L/1300L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	4-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR 10% Triac Dimming at 120V
TRIM COLORS	White (WH) Standard only
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
DISTRIBUTION	Very wide (95°, VWD)
VOLTAGE	120V
EMERGENCY	15W High Voltage Inverter (Field install)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

Features a regressed frosted polycarbonate lens and beveled baffle for gentle, glare-free, illumination.

5 selectable CCT options of 27K/30K/35K/40K/50K allow for selectable warm to cool color atmospheres.

Available in 700L/1000L/1300L. CCT factory set to 50K.

CONSTRUCTION

Metal housing and baffle for durability. Fully sealed and gasketed for wet location use.

E26 adapter base and pre-installed clips included for fast and easy installation.

CCT switch located on side of luminaire back.

MAINTENANCE

Fixture can be wiped down with a dry or damp cloth for optimal performance.

MOUNTING & INSTALLATION

Suitable for recessed retrofit mounting. Can be installed in shallow plenum spaces; ideal where ceiling or top access is unavailable.

May be installed in drywall or suspended ceilings. Compatible with a variety of IC and non IC rated 6" recessed housing options.

OPTIONS & ACCESSORIES

Available to order separately with various IC and non IC rated housing options.

- **O-EMG-LED-15W-FLEX** (Remote) - 15W High voltage emergency inverter battery back-up available with a remote mounted test switch.

See order chart for details.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current LED drivers which are rated for 50 to 60Hz at 120V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

DIMTR - Flicker 10% TRIAC Dimming.

WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

UL listed.

Energy Star certified.

Wet location suitable.

JA8 and Title 24 Compliant.

Suitable for use in closet storage spaces when installed in accordance with NFPA-70 and NEC 410.16 spacing requirements; Recommended spacing for recessed LED luminaires is 6 inches (150 mm).

REL638-700L/1000L/1300L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

SERIES	LUMENS	DIMMING	CCT	CRI	FINISH	GU24SA	ACCESSORIES
REL638	700L/1000L/1300L	DIMTR-120	27K/30K/35K/40K/50K	90	W-WH - White (standard)		GU24SA - Socket for LED Retrofit to GU24 O-EMG-LED-15W-FLEX - 15W Emergency Back up (Remote)

LD6IC-AT-DIMTR-120

COMPATIBLE ELITE LIGHTING HOUSINGS

 LD6IC-AT-DIMTR-120 - 6" New Construction IC Housing	 LD6RIC-DIMTR-120 - 6" Remodel IC Housing	 B6IC-AT-W - 6" Incandescent Air-shut IC Housing with WAGO Connector	 B6R-AT-W - 4" Incandescent Air-shut Remodel Housing with WAGO Connector
 CLD6IC-AT-DIMTR-120 - 6" New Construction IC Housing	 CLD6RIC-AT-DIMTR-120 - 6" Remodel IC Housing		

REL638-700L-1000L-1300L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH(700L)

TEST NO.: **EL01072610**

INPUT WATTS: **6.9** LUMENS: **821** EFFICACY: **119** BEAM ANGLE: **95** SPACING CRITERIA: **1.17 x 1.17**

CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY			
				0°	90°	0.00°	90.00°	ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE	
				0°	380	380	0.00°	29523	29523	0° - 10°	38	138	17%
				10°	369	372	45.00°	22911	23364	10° - 20°	100	284	35%
				20°	341	339	55.00°	18330	19401	20° - 30°	146	452	55%
				30°	296	298	65.00°	11383	12679	30° - 40°	168	733	89%
				40°	240	244	75.00°	4906	5485	40° - 50°	160	817	100%
				50°	170	179	85.00°	2780	3341	50° - 60°	122	821	100%
				60°	99	106				60° - 70°	64		
				70°	32	36				70° - 80°	20		
				80°	7	8				80° - 90°	4		
				90°	0	0							

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	-180°	-270°
6.0 m	10.6 lx	13.1 m	13.2 m		
8.0 m	5.9 lx	17.5 m	17.6 m		
10.0 m	3.8 lx	21.9 m	22.0 m		
12.0 m	2.6 lx	26.2 m	26.4 m		
14.0 m	1.9 lx	30.6 m	30.8 m		
16.0 m	1.5 lx	35.0 m	35.2 m		
18.0 m	1.2 lx	39.4 m	39.6 m		
20.0 m	0.9 lx	43.7 m	44.0 m		

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%					0%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	111	111	111	106	106
1	111	107	103	100	108	104	101	98	95	95	94	92
2	102	95	89	84	100	93	88	83	80	85	81	80
3	94	85	77	72	92	83	76	71	80	75	70	69
4	87	76	68	62	85	75	67	62	72	66	61	60
5	80	68	60	54	78	67	60	54	65	59	53	53
6	74	62	54	48	73	61	53	48	59	52	47	58
7	69	57	48	43	68	56	48	43	54	47	42	53
8	65	52	44	38	63	51	44	38	50	43	38	43
9	61	48	40	35	59	47	40	35	46	39	35	39
10	57	44	37	32	56	44	37	32	43	36	32	42

REL638-700L-1000L-1300L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH(1000L)

TEST NO.: **EL01072610**

INPUT WATTS: **10.5** LUMENS: **1229** EFFICACY: **117** BEAM ANGLE: **95** SPACING CRITERIA: **1.17**

CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY			
				0°	90°	0.00°	90.00°	ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE	
				0°	565	565	0.00°	43933	43933	0° - 10°	56	206	17%
				10°	551	553	45.00°	34126	34745	10° - 20°	150	426	35%
				20°	508	514	55.00°	27848	28818	20° - 30°	220	677	55%
				30°	442	450	65.00°	16917	18833	30° - 40°	251	1099	89%
				40°	359	369	75.00°	7292	8141	40° - 50°	238	1223	100%
				50°	260	265	85.00°	4144	4964	50° - 60°	183	0° - 90°	1229
				60°	147	159				60° - 70°	96		
				70°	47	54				70° - 80°	29		
				80°	11	12				80° - 90°	6		
				90°	0	1							

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	-180°	-270°
6.0 m	15.7 lx	13.2 m	13.2 m		
8.0 m	8.8 lx	17.6 m	17.6 m		
10.0 m	5.7 lx	22.0 m	22.0 m		
12.0 m	3.9 lx	26.4 m	26.4 m		
14.0 m	2.9 lx	30.8 m	30.8 m		
16.0 m	2.2 lx	35.2 m	35.2 m		
18.0 m	1.7 lx	39.6 m	39.6 m		
20.0 m	1.4 lx	44.0 m	44.0 m		

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%					0%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	111	111	111	106	106
1	111	107	103	100	108	104	101	98	95	95	94	92
2	102	95	89	84	100	93	88	83	80	85	81	80
3	94	85	77	72	92	83	77	71	80	75	70	69
4	87	76	68	62	85	75	67	62	72	66	61	60
5	80	68	60	54	78	67	60	54	65	59	53	53
6	74	62	54	48	73	61	53	48	59	53	47	47
7	69	57	48	43	68	56	48	43	54	47	42	42
8	65	52	44	38	63	51	44	38	50	43	38	38
9	60	48	40	35	59	47	40	35	46	39	35	34
10	57	44	37	32	56	44	37	32	43	36	32	31

REL638-700L-1000L-1300L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH(1300L)

TEST NO.: **EL01072610**

INPUT WATTS: **13.4** LUMENS: **1533** EFFICACY: **114** BEAM ANGLE: **96** SPACING CRITERIA: **1.15**

CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY			
				0°	90°	0.00°	90.00°	ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE	
				0°	704	704	0.00°	54693	54693	0° - 10°	70	256	17%
				10°	683	689	45.00°	42288	44127	10° - 20°	186	530	35%
				20°	631	640	55.00°	34428	35990	20° - 30°	273	843	55%
				30°	548	562	65.00°	20897	23553	30° - 40°	313	1370	89%
				40°	443	459	75.00°	9039	10224	40° - 50°	299	1526	100%
				50°	320	331	85.00°	5124	6229	50° - 60°	228	0° - 90°	1533
				60°	184	198				60° - 70°	120		
				70°	58	67				70° - 80°	36		
				80°	13	15				80° - 90°	7		
				90°	0	1							

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	-180°	-270°
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